

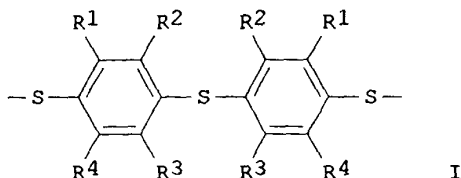
AN 1997:798022 CAPLUS
 DN 128:103220
 TI Curable epoxy compound-based adhesives
 IN Yamamoto, Katsumasa; Suzuki, Michio; Shimada, Koji; Ikeda, Katsunari
 PA Sumitomo Seika K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 IC ICM C09J163-00
 ICS C08G059-30; C08G059-66
 CC 38-3 (Plastics Fabrication and Uses)
 Section cross-reference(s): 73

JP 9-316421

409
 withdrawn

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09316421	A2	19971209	JP 1996-201343	19960710
PRAI	JP 1996-99092		19960327		
GI					



AB Title adhesives, having high refractive index (RI), comprise 100 parts 5-100% epoxy compds. XQ(YQ)nX [X = glycidyl; Q = I, R1-R4 = H, halogen, C1-6 alkyl; Y = CH2CH(OH)CH2; n = 0-10] and 0-95% epoxy compd.-polymerizable compds. and .ltoreq.10 parts silane and/or titanate couplers. A compn. contg. bis[4-(2,3-epoxypropylthio)phenyl]sulfide 100, 3-glycidoxypropyltrimethoxysilane 2, and Sanaid SI 60L 2 parts show RI 1.698, adhesion of 130 kg/cm2 to al panels and 120 kg/cm2 to glass plates, and discoloration prevention after 3 ha t 200.degree..

ST discoloration prevention curable epoxy compd adhesive; coupler contg epoxy adhesive high refraction

IT Discoloration prevention
 Heat-resistant adhesives
 (coupler-contg. curable epoxy compd. adhesives with high refractive index)

IT Epoxy resins, uses
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (coupler-contg. curable epoxy compd. adhesives with high refractive index)

IT Polythioethers
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (epoxy; coupler-contg. curable epoxy compd. adhesives with high refractive index)

IT Epoxy resins, uses
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material

use); PREP (Preparation); USES (Uses)
 (polythioether-; coupler-contg. curable epoxy compd. adhesives with high refractive index)

IT Coupling agents
 (silanes or titanates; coupler-contg. curable epoxy compd. adhesives with high refractive index)

IT Plate glass
 RL: MSC (Miscellaneous)
 (substrates; coupler-contg. curable epoxy compd. adhesives with high refractive index)

IT **84697-35-8P**, Bis[4-(2,3-epoxypropylthio)phenyl]sulfide
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation)
 (coupler-contg. curable epoxy compd. adhesives with high refractive index)

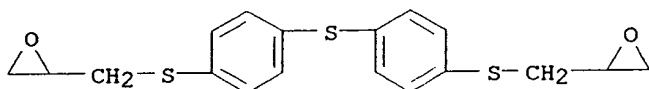
IT 84697-36-9P 201026-28-0P 201026-29-1P 201026-30-4P 201026-31-5P 201026-32-6P
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (coupler-contg. curable epoxy compd. adhesives with high refractive index)

IT 106-89-8, reactions 19362-77-7
 RL: RCT (Reactant)
 (coupler-contg. curable epoxy compd. adhesives with high refractive index)

IT 2530-83-8, 3-Glycidoxypropyltrimethoxysilane 4420-74-0, 3-Mercaptopropyltrimethoxysilane 64157-14-8
 RL: MOA (Modifier or additive use); USES (Uses)
 (coupler; coupler-contg. curable epoxy compd. adhesives with high refractive index)

IT 7429-90-5, Aluminum, miscellaneous
 RL: MSC (Miscellaneous)
 (substrates; coupler-contg. curable epoxy compd. adhesives with high refractive index)

RN 84697-35-8 REGISTRY
CN Oxirane, 2,2'-[thiobis(4,1-phenylenethiomethylene)]bis- (9CI) (CA INDEX
NAME)
OTHER NAMES:
CN Bis[4-(2,3-epoxypropylthio)phenyl]sulfide
FS 3D CONCORD
MF C18 H18 O2 S3
CI COM
LC STN Files: CA, CAPLUS, CHEMCATS, CSCHEM



12 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
12 REFERENCES IN FILE CAPLUS (1967 TO DATE)